

PERRIS DAM REMEDIATION PROGRAM EMERGENCY RELEASE FACILITY

Scoping Meeting
September 19, 2013





Purpose

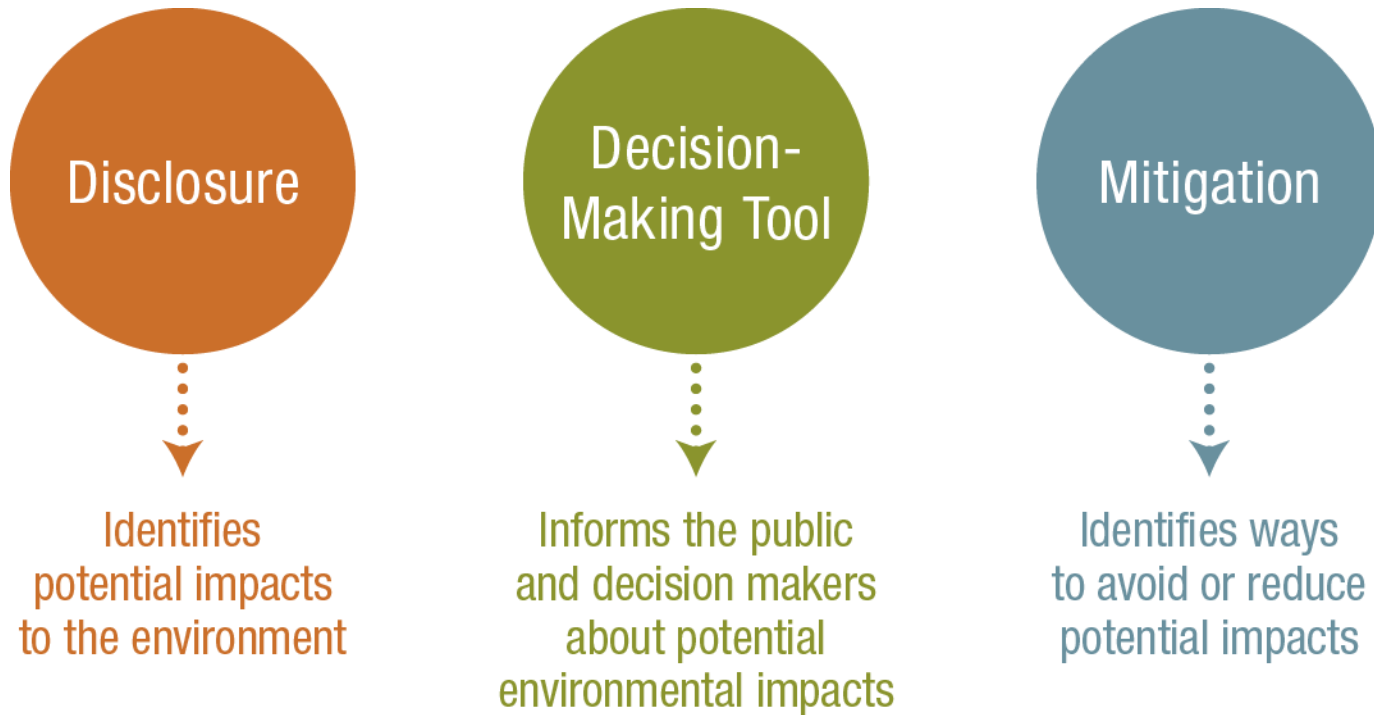
Obtain input from the public and agencies on the environmental issues to be evaluated in the Environmental Impact Report (EIR) for the Perris Dam Emergency Release Facility.



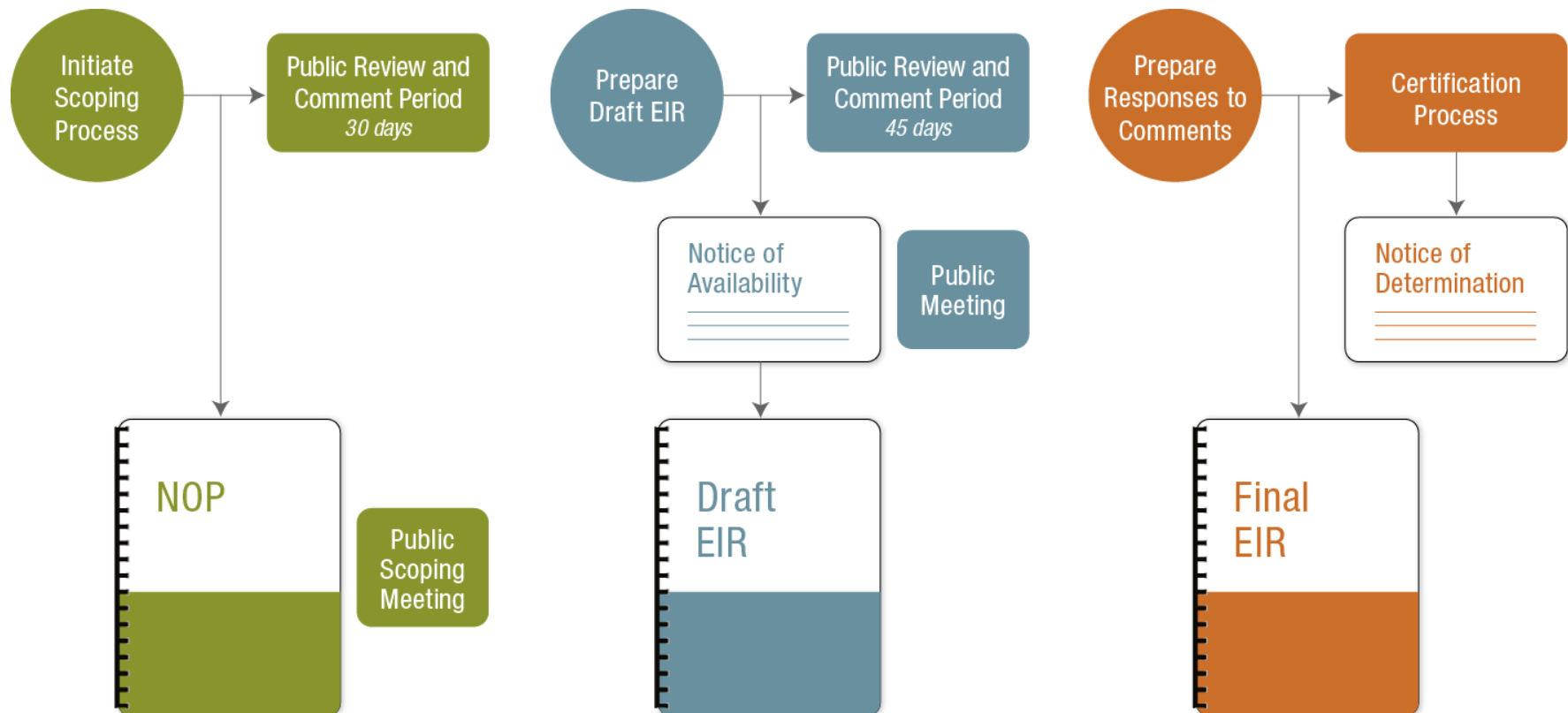
Agenda

- California Environmental Quality Act (CEQA) Environmental Impact Report (EIR) Process
- Project Background
- Project Description
- EIR and Environmental Issues
- Public Comments

The CEQA Process



EIR Process



State Water Project and Lake Perris



Project Background

- In 2005, DWR completed a geotechnical investigation and seismic assessment of Perris Dam and concluded that a portion of the dam foundation was prone to liquefaction during a “Maximum Credible Earthquake” event.
- As a safety precaution, the reservoir was immediately drawn down 25 feet and the environmental process initiated for the Dam Remediation Program. The reservoir’s water surface elevation remains restricted to 25 feet below the maximum operating level.



Previous EIR Certified in 2011

- Dam Remediation
 - Seismically upgrade the dam foundation
 - Return the reservoir to the maximum operating elevation
- Outlet Tower Replacement
 - Seismically upgrade the existing outlet tower within the reservoir by constructing a new outlet tower



Emergency Release Facility

- Previously certified EIR included an “Emergency Outlet Extension,” which provided a similar function to the ERF, but this component was not certified
 - Following the initial EIR public review period, DWR determined further evaluation of the emergency release component was needed
 - The proposed project is the result of the re-evaluation



Project Objectives

- Enhance public safety and limit the property impacts resulting from an emergency release
- Provide cost-effective infrastructure for the implementation of safe emergency drawdown that directs the release over State-owned property
- Minimize risks associated with seismic hazards
- Minimize environmental impacts



Project Description

1. Existing Release Structure Upgrade
2. Conveyance Structure
 - Lake Perris State Recreation Area Segment
 - Lake Perris Fairgrounds Segment
 - Perris Valley Channel Segment

Proposed Project





Upgrade Existing Release Structure

- Use existing slide gate
- Add redundancy by replacing the existing bulkhead with a new gate
- Reconfigure control systems to operate the two gates
- Upgrade structure for the new gates and controls
- Build an energy dissipation structure



Lake Perris SRA Segment

- Construct three levees to direct and contain flow from the release structure
- Construct an approach apron and weir structure to control outflow to Lake Perris Fairgrounds Segment

Lake Perris SRA Segment





Lake Perris Fairgrounds Segment

- Construct new 2,700' -long channel or concrete-lined chute
- Construct two bridges or box culverts
 - Avalon Parkway and Lake Perris Drive, will experience temporary, partial closure during construction
- Maintain access to the SRA and Fairgrounds

Lake Perris Fairgrounds Segment





Perris Valley Channel Segment

- Construct a new 2,500' unlined channel
 - Construct within existing DWR right-of-way
- Construct 1 bridge or box culvert at Evans Road
 - Temporary, partial closure during construction
- Construct a weir or culvert to connect to the Perris Valley Channel

Perris Valley Channel Segment





Environmental Resources to be Evaluated

- Aesthetics
- Air Quality and Global Warming
- Biological Resources
- Cultural Resources
- Geology and Soils
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use
- Noise and Light
- Population and Housing
- Recreation
- Traffic and Transportation



Other CEQA Requirements

- Alternatives Analysis
- Cumulative Impact Assessment



NOP Comment Period

- NOP Comment Period ends October 9, 2013

Submit Comments to:

CA Department of Water Resources
c/o Tom Barnes, ESA
626 Wilshire Boulevard, Suite 1100
Los Angeles, CA 90017

- NOP available online at:

<http://www.perrisdam.water.ca.gov/>

- The NOP can be found at:

Riverside County Library – Perris Branch
163 E. San Jacinto, Perris



Public Comments